

SZUCS, Endre

State of manufacturing acidproof plates in Hungary. Koh lap
97 no.3:121-125 Mr'64

1. Kobanyai Vas- es Acelontode; "Kohaszati Lapok" szerkeszto
bizottsagi tagja.

L 9356-66 EWT(1)/EWP(m)/EWA(d)/FCS(k)/EWA(1)

ACC NR: AP5008460

H/0008/65/000/02-/0091/0097

AUTHOR: ^{44, 55} Szucs, E.; ^{47, 55} Toth, J.

TITLE: The interaction of parallel turbulent jets

SOURCE: Energia es Atomtechnika, no. 2-3, 1965, 91-97

TOPIC TAGS: ^{1, 5} turbulent jet, flow density, flow distribution

ABSTRACT: The authors use the Reichardt inductive theory to describe the interaction of two turbulent, parallel jets. This theory was resorted to because there is as yet no better theory available. Reichardt maintains, that with the determination of the experimental characteristics of turbulence, it is extremely difficult to compare the deductive theories because of the inevitable dispersion. The equation for the impulse flow density distribution of parallel jets flowing from several nozzles is derived on the basis of the Reichardt hypothesis by using the principles of superposition which, with the empirical determination of the equations for the case of jets of different density and injection velocity, is of general validity. The members in this equation may be obtained from a table. The authors are to report on the experimental data. Orig. art. has: 27 formulas and 4 figures.

Card 1/2

L 9356-66

ACC NR: AP5008460

ASSOCIATION: Villamosenergiaipari Kutató Intézet (Electric Power Generation
Research Institute)

SUBMITTED: 00

ENCL: 00

SUB CODE: 20

NO REF SOV: 005

OTHER: 017

Card - 2/2

SZUCS, E.

TOTH, M.; WENT, F.; VARGA, E.; SZUCS, E.

Penicillin-inactivating effect of human serums and protein-free serum ultrafiltrates. Magy. belorv. arch. 5 no.3:114-118 Sept 1952. (CIML 25:5)

1. All doctors except Szucs. 2. First Internal Clinic (Director -- Prof. Dr. Bela Fernet) and Institute of Physiology (Director -- Prof. Dr. Istvan Went) of Debrecen Medical University.

SZUCS, E.

An analysis of the "sympathomimetic" action of histamine

on isolated mammalian heart preparations. I. Went, E. Varga, E. Szucs, and O. Fehér (Physiol. Inst. Med. Univ., Debrecen). *Acta Physiol. Acad. Sci. Hung.* 5, 121-30 (1954) (in German).—Histamine (H) elicited a biphasic response in isolated, perfused hearts of guinea pigs, cats, rats, and rabbits. The primary depressant action was not prevented by atropine or ergotamine (E). The secondary adrenaline-like effects (I) were antagonized by E. Following the administration of H the perfusates contained a substance which produced I on various tissues and which was dialyzable and was inactivated by boiling at pH 8 for 5 min.

S. Ellis

Biphasic and reversed action of adrenaline on the perfused rabbit heart. I. Went, E. Szucs, and T. Kovács (Med. Univ., Debrecen). *Acta Physiol. Acad. Sci. Hung.* 6, 47-55 (1954).—Adrenaline (I) first stimulated and then depressed the isolated, perfused rabbit heart. Ergotamine prevented the stimulating effect of I and allowed the reversed, depressant effect to occur. Atropine inhibited only the depressant effect of I. Since the perfusate obtained during the depressant phase elicited an acetylcholine-like effect on the frog heart, the reversed effect of I was attributed to the release of acetylcholine. S. Ellis

SZUCS, E.

WENT, I.; SZUCS, E.; KOVACS, T.

Study on the two-phase and reverse effect of epinephrine on artificially perfused mammal heart preparations. Acta physiol. hung. 6 no.1:47-55 1954.

1. Physiologisches Institut der Medizinischen Universität, Debrecen.
(EPINEPHRINE, eff.

on heart, isolated & perfused with normal & atropine-containing Locke solution in rabbits)

(HEART, eff. of drugs on

epinephrine on isolated rabbit heart perfused with normal & atropine-containing Locke solution)

(ATROPINE

in Locke solution, eff. on isolated heart response to epinephrine in rabbits)

SZUCS, ERNO

WENT, Istvan; SZUCS, Erno; KOVACS, Tibor

Study of two-phase and reversed effect of adrenaline on isolated mammal heart preparations. Kiserletes orvostud. 6 no.4:341-348 July 54.

1. Debreceni Orvostudomani Egyetem Elettani Intezete.

(EPINEPHRINE, eff.

on isolated rabbit heart)

(HEART, eff. of drugs on

epinephrine in rabbits)

WENT, I; SZUCS, E; KOVACS, T.

Diphasic and reversed actions of adrenalin on mammal heart preparations exposed to artificial perfusion. Acta physiol. polon. 6 no.3:245-250 1955.

1. Z Zakladu Fizjologii Uniwersytetu Medycznego w Debreczynie.
(EPINEPHRINE, effects,
on heart, diphasic & reversed actions in mammal heart
prep. after artif. perfusion)
(HEART, effect of drugs on,
epinephrine, diphasic & reversed actions in mammal
heart prep. after artif. perfusion)

WENT, Istvan,; SZUCS, Erno,; HETENYI, Ede.

Study on antagonist mobilization produced by adrenalin stimulus
in denervated structures, I. Kiserletes orvostud. 7 no.6:603-610
Nov 55.

1. Debreceni Orvostudományi Egyetem Elektromi Intézete.

(EPINEPHRINE, eff.

on acetylcholine mobilization in exper. perfusion in
lower extremities of frogs & rabbits with section of
peripheral nerves (Hun))

(ACETYLCHOLINE

excessive mobilization by epinephrine in exper. perfusion
in lower extremities of frogs & rabbits with section
of peripheral nerves (Hun))

(NERVES, PERIPHERAL, physiol. same)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001754530010-5

SZUCS, E.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001754530010-5"

SZUCS FERENC, BALLA LASZLO

Ordinate transcribing apparatus. Kiserletes orvostud. 9 no.2:214-218
Apr 57.

1. Debreceni Orvostudományi Egyetem Elettani Intézete.
(KYMNOGRAPHY, appar. & instruments
ordinate transcribing appar. for cardiovasc. electroky-
mography (Hun))

SZUCS, S.

HETENYI, E.; SZUCS, E.; WENT, I.

Analysis of the biphasic effects of adrenalin on artificially perfused hind legs of dogs. Acta physiol. hung. 11(Suppl):52-53 1957.

1. Physiologisches Institut der Medizinischen Universitat, Debrecen.

(~~EPINEPHRINE~~, physiol.

vasodilator & pressor eff. in perfused hind legs of dogs (Ger))

(BLOOD VESSELS, physiol.

vasodilator & pressor eff. of epinephrine in perfused hind legs of dogs (Ger))

SZUCS, E.; HETENYI, E.

Antagonist mobilization in denervated structures induced by adrenalin stimulation. Acta physiol. hung. 11 no.3-4:305-308 1957.

1. Physiologisches Institut der Medizinischen Universität, Debrecen.
(EPINEPHRINE, eff.

acetylcholine mobilization in denervated rabbit
extremities (Ger))

(ACETYLCHOLINE, physiol.

mobilization in denervated rabbit extremities by
epinephrine (Ger))

HUNGARY/Human and Animal Physiology - Normal and Pathological. T
General Problem.

Abs Jour : Ref Zhur Biol., No 3, 1959, 12391

Author : Szűcs, E., Balla, L.

Inst : Hungarian Academy of Sciences

Title : New Instrument for Registration of Ordinates

Orig Pub : Acta physiol. Acad. sci. hung., 1957, 11, No 3-4, 309-316

Abstract : A description is given of an electron instrument which simultaneously records on a kymograph by the drop method the two processes controlling the reaction of denervated and control vessels. The instrument consists of two independently functioning systems and combined ordinate recordings. The frequency of the registered impulses is 0.130 per minute.

Card 1/1

SZUCS, E.

SZUCS, E.; HETENYI, E.; WENT, I.

Primary vasodilatation in denervated structures induced by adrenalin.
Acta physiol. hung. 11 no.3-4:327-338 1957.

1. Physiologisches Institut der medizinischen Universitat, Debrecen.

(EPINEPHRINE, eff.

primary peripheral vasodilat. in perfusion of denervated
dog legs (Ger))

(BLOOD VESSELS, eff. of drugs on

epinephrine, primary peripheral vasodilat. in perfusion of
denervated dog legs. (Ger))

BEREGSZASZI, Gy.; GOOZ und E. SZUCS

Studies on periodic activity in frog heart preparations induced by continuous stimulation of the bulbar vagus center. Acta physiol. hung. 14 no.3:255-264 1958.

1. Physiologisches Institut der Medizinischen Universitat, Debrecen.

(NERVES, VAGUS, physiol.

continuous stimulation of bulbar vagus center inducing periodic activity in frog heart prep. (Ger))

(MEDULLA OBLONGATA, physiol.

same)

(HEART, physiol.

periodic activity in frog heart prep. induced by continuous stimulation of bulbar vagus center (Ger))

SZUCS, Ervin

New equipment for using coal dust for flue boilers. Elelm ipar
14 no.4:110-114 Ap '60.

1. Hotechnikai Kutato Intezet.

MIRA, Ferenc; ALMADI, Jozsef; MOLNAR, Ferenc; PINTER, Antal; SZUCS, Ervin

Industrial boiler types in the Soviet Union. Energia es atom 14 no.12:
517-527 D '61.

ALMADI, Jozsef; MIRA, Janos; MOLMAR, Ferenc; PINTER, Antal; SZUCS, Ervin

Types of industrial boilers in the Soviet Union.II. Energia es
atom 15 no.3:113-119 '62.

SZUGS, Ervin, aspirans (Mchazva)

A new Soviet power plant with 2400 MW output. Energia es atom
16 no.1:10 Ja '63.

SZUCS, Ervin

Determination of reaction kinetics constants in coal dust
combustion. Energia es atom 16 no.7:313-314 J1 '63.

1. Hotechnikai Kutato Intezet.

SZUCS, Ervin, tudományos főmunkatárs

Technical research methods. Energia és atom 16 no.9:403-405
S'63

1. Hőtechnikai Kutató Intézet.

SZUCS, Ervin

introduction to the theory of combustion. Energia es atom 17
no.5:237-239 My '64.

1. Electric Power Industry Research Institute, Budapest.

SZUCS, Ervin

Calculating heat transmission in boiler furnaces. Energia es atom
17 no. 8:372-374 Ag '64.

Soviet steam boiler with 950 t/h capacity. Ibid.:379-380

1. Electric Power Industry Research Institute, Budapest.

SZUCS. Ervin; TOTTH, Janos

Interference of parallel, turbulent jets. Energia es atom
18 no.2/3:91-97 P-Mr '65.

1. Electric Power Industry Research Institute, Budapest.

SZUCS, F.

In the interest of uniform regulations for vehicles. p. 3
AUTO MOTOR (Kozlekedesi Kiado) Budapest Vo. 9, no 8, Apr, 1956

Source: EEAL - LC Vol 5, No. 10 Oct. 1956

KOPECKY, Ferenc; SZUCS, Ferenc

An account of the 11th session of the International Poplar Committee of the Food and Agriculture Organization of the United Nations held in Yugoslavia. Erdo 12 no.1:39-43 Ja '63.

1. Erdeszeti Tudomanyos Intezet Nyarvakiserleti Kutato Allomasanak vezetoje, Sarvar (for Kopecky). 2. Orszagos Erdeszeti Foigazgatosag Erdorendezeesi foosztalyanak vezetoje, Budapest (for Szucs).

BODNAR, I.; SZIRMAI, E.; NEMETI, S.; BERTA, I.; SZUCS, G.; ARVAY, S.

Evaluation of our analgesic procedures in labor pain. Magyar orv. lap. 15 no. 11:324-327 Nov 1952. (GLML 23:5)

1. Doctors. 2. Obstetric and Gynecological Clinic (Director -- Prof. Dr. Sandor Arvay), Debrecen Medical University.

SZUCS, Imre, okl. banyamernok

The sand preparation plant of Kisors started its experimental operations. Bany lap 93 no.5:327-328 My '60

1. Dunantuli Asvanybanya Vallalat, Revfulop.

HEINRICH, József; SZUCS, Imre; HIBBEY, Barna

Society news. Bany lap 94 no.2:142-144 F '61.

1. "Banyaszati Lapok" foszerkesztoje (for Heinrich).

SZUCS, Imre

Application of vanadium (II) bromide in photographic developers.
Veszprem vegyip egy kozl 4 no.4:405-406 '60

1. Veszpremi Vagyipari Egyetem Kemiai Technologia Tanszek.

SZUCS, Imre, okleveles banyamernok

The sand dressing plant at Kisors starts its operation.
Bany lap 93 no. 5:327-328 My '60.

1. Dunantuli Asvanybanya Vallalat, Revfúlop.

SZUCS, Imre, traktoros brigadvezeto

A letter to the editor on agricultural engineering.
Mezogazd techn 3 no.7:24 '63.

1. Allami Mezogazdasagi Gepallomas, Vardomb, Tolna megye.

Szucs, Istvan

Complex automation as a condition for technical progress. p.205

MERES ES AUTOMATIKA. (Merstechnikal es Automatizalasis Tudomanyos Egyesulet)
Budapest, Hungary. Vol.7, no.8/9, 1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11
November 1959
Uncl.

SZUCS, Istvan

The two-year-old "MMG Kozlemenyek." Meres automat 10 no.1:2-4 '62.

1. Mechanikai Meromuszerek Gyara igazgatoja.

SZUCS, J.

SZUCS, J. Errors in the present method of computing the decrease of prime cost and errors in the premium system of the glass industry. p. 394.

Vol. 8, no. 10, Oct. 1956

EPITOANYAG

TECHNOLOGY

Budapest, Hungary

So: East European Accession, Vol. 6, No. 5, May 1957

SZUCS, J.

Data on the way of life of the bean weevil (Acanthoscelides obtectus Say). p. 97
KCZLEMENYEI, Budapest. Vol. 8, no. 1/2, 1955

SOURCE: EEAL Vol. 5, No. 7, July 1956

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/ Reaction between Ce(IV) ions and peroxysulfuric acid.
L. J. Csányi, F. Solymosi, and J. Szuca (Univ. Szeged,
Hung.). *Naturwissenschaften* 46, 333 (1959) (in English).—
With $\text{Ce}(\text{SO}_4)_2$ and in the presence of SO_4^{--} the decompn. of
 H_2SO_5 in 1 min. increases in proportion to the concn. of
 Ce^{4+} ions. However, the decompn. reaches 80% even
when the initial concn. of Ce^{4+} is 0.1 the amt. of H_2SO_5 .
When Ce^{+++} is added, the decompn. decreases, depending
on the ratio of Ce^{4+} to Ce^{+++} . If this value reaches 0.1,
the decompn. practically stops. The data show that the
decompn. cannot be described by a simple stoichiometric
equation. The amt. of O evolved is a little greater than
that calcd. from the equation $\text{H}_2\text{SO}_5 \rightarrow \frac{1}{2}\text{O}_2 + \text{H}_2\text{SO}_4$, and
indicates a side reaction. No O_2 is detected in the evolved
 O . With $\text{Ce}(\text{NO}_3)_3$, the presence of NO_3^- causes the reac-
tion between H_2SO_5 and Ce^{4+} to be more rapid than in the
presence of SO_4^{--} . The rate of reaction, contrary to expts.
with $\text{Ce}(\text{SO}_4)_2$, increases on the addn. of Ce^{+++} and 2 to 3
times the Ce^{4+} disappears. In the presence of SO_4^{--} in
soln. nonreacted Ce^{4+} always remains; in the presence of
 NO_3^- , the ratio of H_2SO_5 and Ce^{4+} being 5:1 or less, all
 Ce^{4+} rapidly disappears. Over a longer period, however,
 H_2SO_5 reacts quant. On adding SO_4^{--} or $\text{C}_2\text{H}_3\text{O}_2^-$ to
 $\text{Ce}(\text{NO}_3)_3$ soln. the rate of decompn. decreases. The de-
compn. of H_2SO_5 may be ascribed to the free, non-complexed
 Ce^{4+} ions.

George Meijer

AF2C 3

59-7 (13)

TA
1/1

SZUCS, J.

Design of the communication network for the power system in Slovakia. p. 141.

ENERGETIKA. (Ministerstvo energetiky a ceskoslovenska vedecka technicka spolecnost
pro energetiku pri Ceskoslovenske akademii ved)

Praha, Czechoslovakia

Vol. 5, no. 4, Apr. 1955

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 11

Nov. 1959

Uncl.

57405, J.

021 317.333 4. 621 315.051
 RADIO LOCATION IN THE ELECTRICAL SUPPLY
 INDUSTRY. J. Szűcs.
 Bratislava (Prague), Vol. 6, No. 1, 105-11 (1956). In Slovak.
 The fundamentals of radar systems employing frequency and
 pulse modulation are reviewed. Lower frequencies must be used
 in location systems in transmission lines, and this is made
 possible by the excellent directivity properties of the line. The
 detailed design and the application of a type FGHC I fault locator
 designed by the V. E. B. Company in Dresden is described. Signal
 patterns of an unloaded cable, of a short-circuited cable, and of a
 cable with a branch line are given. It is claimed that
 the type FGHC I fault locator can locate faults in cables
 up to 100 km long.
 F. Erdelyi

2

AW

PONORACZ, Endre, dr.; SZUCS, Janos, dr.; FEDOR, Endro, dr.

Treatment of rhinophyma with half-thick free skin transplantation.
Orv. hetil. 103 no.32:1512-1513 12 Ag '62.

1. Debreceni Orvostudományi Egyetem, II. Sebészeti Klinika.
(ROSAOEAE surg) (SKIN TRANSPLANTATION)

SIMON, Gyorgy, SZUCS, Janos; GYETVAI, Gyula; KECSKEMETI, Valeria

Effect of the administration of thyroxin on the iodine uptake by
the rat thyroid. Kiserl. orvostud. 14 no.3:324-326 Je '62.

1. A Budapesti Orvostudományi Egyetem Kóreltani Intézete.
(IODINE metab) (THYROID GLAND pharmacol)
(THYROXIN pharmacol)

SIMON, Gyorgy; SASVARI, Karoly; GAL, Maria; SZUCS, Janos

The effect of vitamin E administration on the cholinesterase activity of the serum and erythrocytes. Kiserl. orvostud. 15 no.4:355-361 Ag '63.

1. Budapesti Orvostudományi Egyetem Kóreltani Intézete.
(ERYTHROCYTES) (VITAMIN E) (CHOLINESTERASE)
(BLOOD) (NEOSTIGMINE) (PHOSPHORUS POISONS, ORGANIC)
(CHESOLS) (ISOFLUROPHATE) (PHOSPHATES)

HUNGARY

FEDOR, Endre, Dr, PONGRACZ, Endre, Dr, SZUCS, Janos, Dr; Medical University of Debrecen, II. Surgical Clinic (Debreceni Orvostudományi Egyetem, II. Sebészeti Klinika).

"Extensive Loss of the Skin of the External Male Genitalia due to Chemical Injury, Replaced by Skin of Medium Thickness."

Budapest, Orvosi Hetilap, Vol 104, No 39, 29 Sep 63, pages 1855-1856.

Abstract: [Authors' Hungarian summary] Data in the literature indicate that chemical injury to the external genitalia is extremely rare. No report of this kind has been found in the Hungarian medical literature. The most suitable repair of such injuries consists of a possibly early necrectomy followed by free transplantation of skin of medium thickness. If this can not be carried out for any reason, than the lifeless skin must be removed after demarcation along with any fresh tissue, followed by skin transplantation. This procedure promises the best functional and cosmetic results. 16 Eastern European, 6 Western references.

SZUCS, J

SYUCH IOZHEF [Szűcs, J.]

Hungarian ships. Nauka i zhyttia 10 no.5:55-56 My '60.

(MIRA 13:7)

(Hungary--Shipbuilding)

S/194/62/000/007/037/160
D295/D308

AUTHORS: Hajdu, Laszló, Rónai, Béla, Salánki, Tiber, and
Szűcs, József

TITLE: Method and equipment for automating potentiometric
titration with production accuracy

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
no. 7, 1962, abstract 7-2-68 e (Hung. pat., cl. 42,
1, 3, no. 147383, Aug. 15, 1960)

TEXT: The object of the patent is a titration method according to which the voltage of the final titration point is connected in opposition to the voltage of the measuring circuit, as a consequence of which the output voltage of the measuring equipment becomes equal to zero when titration is completed. The equipment itself consists of a magnetic stirrer, a magnetically controlled valve, a pair of electrodes, a transformer, an electronic voltmeter, photo-elements, a stabilizer, a d.c. amplifier and a potentiometer. The addition of the measuring liquid is carried out through the electromagnetically controlled valve by means of a contact relay sensitive to polarity.
Card 1/2

HUNGARY

SZUCS, Janos, Dr, KISS, Bela, Dr; Medical University of Debrecen, II. Surgical Clinic (director: LADANYI, Jozsa, Dr) (Debreceni Orvostudományi Egyetem, II. Sebészeti Klinika).

"Appendicitis on the Left Side."

Budapest, Orvosi Hetilap, Vol 107, No 48, 27 Nov 66, pages 2290-2291.

Abstract: [Authors' Hungarian summary] The symptoms of inflammation of the appendix located on the left side is described. A case is reported to demonstrate that the chief problems presented by similar cases are technical ones during the operation. Attention is called to the fact that, when pain in the lower left of the abdomen accompanies the typical symptoms of appendicitis, it may be indicative of a left-sided localization of the organ. 5 Eastern European, 7 Western references.

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S/196/63/000/001/002/035
EQ21/E155

26,2521

AUTHORS: Bártfai, Béla; Bártfai, Miklós; Hajdú, László;
Rónai, Béla; and Szűcs, József

TITLE: Silver electrode of a silver-zinc cell and its method of preparation

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika, no.1, 1963, 21, abstract 1 A 132 P. (Hung. pat. cl.21b, 6 - 14, no.148897, December 31, 1961)

TEXT: The customary pressing of electrodes from Ag or Ag₂O powder utilises only 15-20% of their volume, because the electrolyte cannot fully penetrate. It is proposed to use a core of silver (e.g. spiral wire) with Ag₂O formed on its surface by electrolytic chlorination and subsequent electrolytic oxidation. The ratio of Ag to Ag₂O can vary from 1:100 to 100:1. The coating adheres well to the Ag and acts as a depolarizer. The discharge current can be up to 200 mA hr/g and the diameter of the wire for the core 0.3 - 0.4 mm.

Card 1/1

[Abstractor's note: Complete translation.]

SIMON, Gy.; SZUCS, J.; GYETVAI, Gy.; KECSKEMETI, Valeria

Effect of tyrosine administration on the iodine uptake by the thyroid of the rat. Acta physiol. acad. sci. hung. 21 no.4:335-338 '62.

1. Institute of Pathophysiology, Medical University, Budapest.
(TYROSINE) (THYROID GLAND) (IODINE ISOTOPES)
(DIETARY PROTEINS)

SZUCS, Jozsef

Conversion of the Baltic Sea to a lake; bridges instead of
ferryboats. Elst tud 19 no.29:1358-1362 17 J1 '64.

SZUCS, Jozsef

The large Surface Waterworks of Budapest. Elet tud 19 no.34:1613-
1617 21 Ag '64.

Surgery

HUNGARY

PCNORACZ, Endre, Dr, SZUCS, Janos, Dr, PEDOR, Endre, Dr; Medical University of Debrecen, II. Surgical Clinic (director: LADANYI, Jozsa, Dr) (Debreceni Orvostudományi Egyetem, II. Sebészeti Klinika).

"Up-to-Date Treatment of Extensive, Flayed Injuries of the Skin."

Budapest, Orvosi Hetilap, Vol 107, No 40, 2 Oct 66, pages 1904-1906.

Abstract: [Authors' Hungarian summary] In the case of extensive, flayed injury to the skin, the skin generally can not be reattached to the extremities since, because of the blood supply conditions of skin, it is incapable of surviving and will sooner or later die off. The most promising procedure is an immediate, free grafting of a half-thickness of skin. The flayed skin to be removed is suitable in every respect for the preparation of the half-thick skin. 2 Eastern European, 2 Western references.

SIMON, Gy; FOLDVARI, P.; CZEIZEL, E.; SZUCS, J.

Effect of the simultaneous administration of gluco-and mineralo-corticoids on the Na^{24} absorption capacity of the small intestine. Kiserl. orvostud. 16 no.2:203-205 Ap'64

L. Budapesti orvostudományi Egyetem Korelettani Intézete és Országos Kózegezéssegügyi Intézet Korelettani Osztálya.

X-

SZUCS, Jozsef

Ergology of automobiles. Elet tud 18 no.46:1450-1453 17 N '63.

Supersonic passenger planes. 1467-1468

SZUCS, János

The 2d weir on the Tisza River. Term tud kozl 7 no.11:490-493
N'63.

1. Orszagos Vizugyi Foigazgatosag, Budapest.

SZUCS, Jozsef

The Budapest water works. Elet tud 18 no. 34:1067-1070
25 Ag '63.

SZUCZ, Jozsef

The great Aswan Dam. Elet tud 19 no. 24:1114-1117
12 Je '64.

SZUCS, J.

"The automatization of the direction of air traffic." p. 191. (KOZLEKED ESTUDOMANYI
SZEMLE, Vol. 3, no. 5, May 1953. Budapest.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress
August, 1953, Uncl.

SZUCS J.

"Graphs of Efficiency of Gliders", P. 354, (KRIDLA VLASTI, Vol. 4,
No. 15, July 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 1, Jan. 1955, Uncl.

SZUCS, J.

"Graphs of Efficiency of Aircraft", P. 355, (KRIDLA VLASTI, Vol. 4, No. 15, July 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

OLSON, C.

"New Instruments Used in Britain," p. 13, (NPRMS), Vol. 7, No. 11, Apr. 1954,
(London, January)

p. 1011, List of West European Academies, (LNA), 10, Vol. 3, No. 12,
Dec. 1954, Incl.

SMAL, S.

"Radio Navigation With the Measurement of Distance," p. 11, (SMAL, Vol. 7, No. 11, Dec. 1971, Budapest, Hungary)

SO: Mont 1; List of East European Accessions, (SMAL), 10, Vol. 3, No. 12, Dec. 1971, Incl.

0001, 0.

"Regular Air Transportation between Moscow and Paris Resumed," p. 14,
(ZEMEL, Vol. 1, No. 1, Aug. 1948, Budapest, Hungary)

30: Monthly List of New European Accruals, (ZEMEL), Vol. 3, No. 12,
Dec. 1948, Czech.

Smith, J.

"The Little London of Europe," p. 11, (RUSFINS, Vol. 7, No. 11, Aug. 1951, Budapest, Hungary)

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AUTHOR: Szűcs, József
 TITLE: Technical novelties at Tushino - through a magnifying glass
 PERIODICAL: Repülész, no. 10, 1961, 14-15


TEXT: The article reviews various aircraft seen at the 1961 Tushino Air Show. One of the four versions of the Yakovlev "Yak-25" fighters displayed at the Show, is shown in Fig. 1. This version has a glazed nose and two strikingly long engines supposedly fitted with afterburners. The wing center-section is delta-shaped and the overhanging leading-edge flaps probably automated. The unknown type of aircraft shown in Fig. 2 and 2a has sharply-swept low wings and delta-shaped center-section. The landing gear housing projects beyond the wing trailing edge. The power plants are located on both sides of the forward part of the fuselage. During the display this aircraft carried guided missiles under the wings. Another unknown type of aircraft shown in Fig. 3 and 3a, has the engines on both sides of the vertical tail above the fuselage, a heavy automatic radar-controlled backward-shooting tail cannon, and a retractable air re-

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Technical novelties at Tushino - through a magnifying glass

achieved with the help of a ventral assisted-take-off rocket, thought to be fueled with solid propellant. This aeroplane has an adjustable conical body in the center of the circular air intake orifice, an air intake under the wing center-section and a parabrake box behind the rudder. The Sukhoi can develop a speed of Mach 2 and can take off and land on short sod-surface runways. Lt. Col. Mosolov flew an aircraft, thought to be an "E-66", powered by jet and rocket power plants. It was impossible to photograph this aircraft due to the intense exhaust flame ejected from the liquid-propellant fueled rocket engine. In addition to the aircraft described above, Yak-18, Yak-32, Mig-19, Mig-21, An-10, An-12, An-14, An-24, TU-104, TU-114, TU-124, Il-18, An-2, Il-14 aeroplanes as well as Mi-1, Mi-4, Mi-6, Ka-18 and Yak-24 helicopters took part in the Tushino Air Show. There are 10 figures. /Abstracter's note: Essentially complete translation⁷.



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